

What is claimed is:

1. In a surface mount device including a holder mounted in a socket unit to be adhered closely to a
5 socket shaft by an elastic force of an elastic body connected to the socket shaft, a grip tip of a gripper for a parts having a different shape adapted to the surface mount device comprising:

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10 a piston installed inside of a through hole formed at the holder, and lifted or lowered by air flown in/out through the through hole;

a moving unit adjacently positioned to an inner slanted surface of a slanted member formed on the bottom surface of the piston, and connected to fixed blocks of
15 the holder by a connection means for increasing or decreasing an interval according to the lifting or lowering operation of the piston; and

a plurality of grip tips provided to moving blocks of the moving unit through a fixed member, for
20 supporting at least three points of a parts having a different shape.

2. The grip tip of a gripper in accordance with claim 1, wherein the plurality of grip tips comprises
25 assembly blocks fixed to the moving blocks of the moving unit, and tips formed on the bottom surface of the assembly blocks, and the tips comprises:

a first tip disposed at one assembly block and has a concave region; and

a second tip disposed at the other assembly block and has a convex region.

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3. The grip tip of a gripper in accordance with claim 1, wherein the moving block of the moving unit has a slanted surface formed at the center portion of the moving block of the moving unit, contacted with the inner slanted surface of the slanted member, so that when the piston is lifted, the interval between the moving blocks is decreased and when the piston is lowered, the interval between the moving blocks 131 is increased.

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4. The grip tip of a gripper in accordance with claim 1, wherein the connection means comprises a plurality of guide shafts for penetrating and mounting the moving blocks between the two fixed blocks in order to fix the moving block to the fixed block;

an elastic members installed on the outer surfaces of the guide shafts, for applying an elastic force in a direction of increasing an interval between the moving blocks; and

25 snap rings inserted into both ends of the guide shafts, for preventing the guide shafts from being separated from the fixed blocks.

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5. The grip tip of a gripper in accordance with claim 1, wherein the fixed member is a wrench bolts.

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